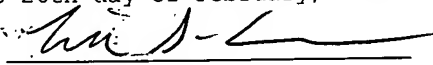


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Certificate of Mailing

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The undersigned certifies that this correspondence is being sent via first-class mail, with sufficient postage, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, this 26th day of February, 2004.

(s)


Linda S. Evans

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thurmond et al. Atty. Docket: ORT-1458
Serial No.: 10/010,580 Art Unit: 1652
Filed: November 8, 2001 Examiner: William W. Moore
For: Polynucleotide And Polypeptide Sequences Of Canine Cathepsin S

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF AMENDED SEQUENCE LISTING

Sir:

Pursuant to 37 C.F.R. § 1.825, Applicant submits herewith an amended Sequence Listing. In the event any fees not accounted for herewith are required for the filing of this submission, please charge all necessary fees to Deposit Account No. 10-0750.

Submitted herewith are copies of a substitute Sequence Listing in paper and computer readable (diskette) form. I hereby state that the information recorded on the accompanying diskette in computer readable form is identical to the information written on the enclosed paper version of the substitute Sequence Listing.

The substitute Sequence Listing essentially corresponds to the original Sequence Listing, except for the sequence corresponding to SEQ ID NO: 1. In particular, the sequence corresponding to SEQ ID NO: 1 in the original Sequence Listing has been amended to correspond to the variant sequence as supported in Figure 1 as originally filed. Accordingly, the substitute Sequence Listing does not include new matter.

Respectfully submitted,

Date: February 26, 2004



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